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TO #6: Please prepare appropriate response and provide ER with an information

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Executive Secretary
23 April 85

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APPLIED SCIENCE ASSOCIATES, INC.

P.O. BOX 2687

PALOS VERDES PENINSULA, CA 90274-0125

April 17, 1985

Executive Registry

85- 1680

DD/A Registry

Mr. William Casey, Director Central Intelligence Agency Washington, D. C. 20505

Dear Sir,

I am interested in learning whether your agency employs contractors for the purpose of providing technical assistance. If you have a need for assistance in the areas indicated in the attached resume, please direct the enclosed information to the appropriate people. As an example of how we might be of assistance, I have enclosed a brief evaluation of a Russian nuclear reactor used in earth satellites, using information drawn from unclassified sources.

Applied Science Associates, Inc. (ASAI) is a small business established in 1980 to provide technical assistance to government agencies. It has provided consulting services to Sandia National Laboratories, Brookhaven National Laboratory, R and D Associates, Logicon and the U.S. Nuclear Regulatory Commission (NRC).

I would be the principal investigator in any program for your agency and have had extensive past experience in the defense industry at The Aerospace Corporation (from 1973 - 1980) and Sandia National Laboratories (from 1969 - 1973) in a number of areas related to nuclear weapons development, tests and hardening against the effects of nuclear weapons and earth satellites.

A resume and list of publications are attached. I can provide references (government contract monitors) who are familiar with our work upon request. If there is further interest and additional information is desired, please call at the phone number below.

Sincerely,

David G. Swanson, Ph.D.

(213) 541-8607

REFERENCES (GOVERNMENT TECHNICAL CONTRACT MONITORS)

Mr. Andrew Marchese U. S. Nuclear Regulatory Commission Washington, D. C. 20555

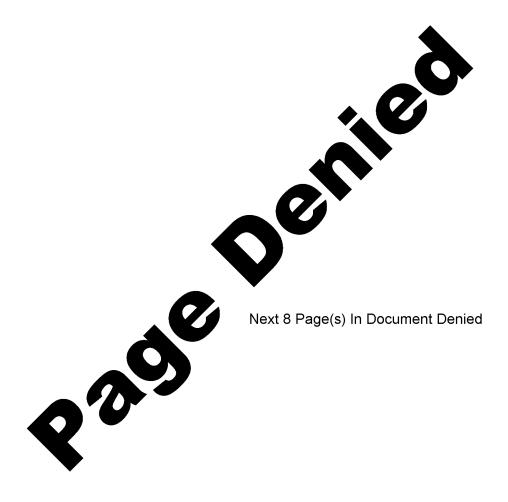
(301) 492-4712

Dr. William Morris U. S. Nuclear Regulatory Commission Washington, D. C. 20555

(301) 443-7946

Mr. William Menczer U. S. Nuclear Regulatory Commission Washington, D. C. 20555

(301) 492-4854



<u>Unclassified Publications Related to Advanced Reactor Systems</u>

- D. G. Swanson, J. N. Castle, P. D. Anderson and I. Catton, "Core Melt Materials Interactions Final Report", USNRC, NUREG/CR-3299, 1983
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- D. G. Swanson, E. H. Zehms, R. A. Meyer, J. D. McClelland and H. L. van Paassen, "Annual Progress Report for Evaluation of Materials for Retention of Sodium and Core Debris in Reactor Systems", The Aerospace Corporation, ATR-79(7814)-1 (1978)
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- D. M. Goddard, G. D. Kidwell and D. G. Swanson, "Small Scale Sodium-Concrete Reaction Studies", The Aerospace Corporation, ATR-78(7706)-1 (1978)

<u>Unclassified Publications Related to Advanced Reactor Systems</u> (Continued)

- D. G. Swanson, E. H. Zehms, D. M. Goddard, C. Y. Ang, H. L. L. van Paassen, G. D. Kidwell and A. R. Marchese, "Interactions Between Molten Core Debris and Containment Materials", American Nuclear Society Transactions, 27, 659 (1977)
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- D. G. Swanson, D. M. Goddard, J. McClelland, and R. A. Meyer, "Sodium-Graphite and Sodium-Concrete Interactions Experiments", The Aerospace Corporation, ATR-77 (8162)-1 (1976)
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